

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Atty. Dkt.: 160-399

Date: November 24, 2003

22390 U.S. PTO  
10/718652



Sir:

Attached for filing is the patent application of:

Inventor: NAKAMURA et al

Entitled: NITRIDE SEMICONDUCTOR WITH ACTIVE LAYER OF QUANTUM WELL STRUCTURE WITH  
INDIUM-CONTAINING NITRIDE SEMICONDUCTOR

and including attachments as noted below:

- ☐ Newly executed Declaration, ☒ Copy of Declaration from prior application, ☒ Abstract  
60 pages of specification and claims (including 52 numbered claims), and  
3 sheets of accompanying drawing/s.  
☒ Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:

| Application Number | Country | Day/Month/Year Filed |
|--------------------|---------|----------------------|
| 7-287189           | Japan   | 06 November 1995     |
| 7-305279           | Japan   | 24 November 1995     |
| 7-305280           | Japan   | 24 November 1995     |
| 7-305281           | Japan   | 24 November 1995     |
| 7-317850           | Japan   | 06 December 1995     |
| 7-332056           | Japan   | 20 December 1995     |
| 8-186339           | Japan   | 16 July 1996         |
| 8-228147           | Japan   | 29 August 1996       |

, respectively, the entire content of which is hereby incorporated by reference in this application..

- ☒ This application is a ☐ continuation/☒ division/☐ continuation-in-part of Application No. 10/229,067, filed August 28, 2002, which in turn is a continuation of 09/293,060 filed April 25, 2000 (now abandoned), which in turn is a division of application Serial No. 08/743,729 filed November 6, 1996, now U.S. Patent 5,959,307, the entire content of which is hereby incorporated by reference in this application.
- ☒ The prior application is assigned to Nichia Corporation, Tokushima-ken, Japan.
- ☒ It is hereby requested that the Examiner consider the art cited in the parent application by applicant and/or the Examiner for the reasons stated therein. A listing of that art is attached.
- ☒ Please enter the attached and/or below preliminary amendment prior to calculation of filing fee:  
**2-52**
- ☐ Also attached: ☐ Information Disclosure Statement; ☐ Non-Publication Request; ☐ Nucleotide and/or Amino Acid Sequence Submission; ☐ Statement deleting Inventor(s) named in prior application; ☐ Other:

**FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY HEREWITH CANCELED**

|  |                           |                           |           |
|--|---------------------------|---------------------------|-----------|
| Basic Filing Fee   |                           | \$                        | 770.00    |
| Total effective claims   | 23 - 20 (at least 20) = 3 | x \$ 18.00                | \$ 54.00  |
| Independent claims   | 5 - 3 (at least 3) = 2    | x \$ 86.00                | \$ 172.00 |
| If any proper multiple dependent claims now added for first time, add \$290.00 (ignore improper) |                           |                           | \$ 0.00   |
|  |                           | <b>SUBTOTAL</b>           | \$ 996.00 |
| If "small entity," then enter half (1/2) of subtotal and subtract                                |                           | -\$ (                     | 0.00)     |
|  |                           | <b>SECOND SUBTOTAL</b>    | \$ 996.00 |
| Assignment Recording Fee (\$40.00)   |                           | \$                        | 0.00      |
|  |                           | <b>TOTAL FEE ENCLOSED</b> | \$ 996.00 |

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension.

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our **Account No. 14-1140**. A duplicate copy of this sheet is attached.

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**NIXON & VANDERHYE P.C.**

By Atty: Arthur R. Crawford, Reg. No. 25,327

Signature: \_\_\_\_\_